

IN THE CLAIMS

Please amend the following claims which are pending in the present application:

What is claimed:

1-18. (Cancelled)

19. (Currently amended) A method of assembling a multi-chip device comprising:

providing an interposer having a first surface and a second surface;
populating the second surface of the interposer with a plurality of conductive pads;

coupling solder balls to only preselected conductive pads of the plurality of conductive pads that are intended to be used, the preselected conductive pads being less than all of the plurality of conductive pads;

coupling a plurality of cache memory devices and at least one passive device to the first surface to form a multi-chip subassembly, wherein the at least one passive device is selected from the group consisting of resistors, capacitors, and inductors, some of the plurality of conductive pads not being coupled to either the plurality of memory devices or the at least one passive device;

testing the plurality of cache memory devices and only a portion of those conductive pads that have solder balls attached of the plurality of conductive pads on the interposer;

coupling the interposer to a substrate with the solder balls and coupling a microprocessor device to the substrate after the testing if the plurality of cache memory devices pass the testing; and

not coupling the interposer to the substrate and not coupling the microprocessor device to the interposer substrate if the plurality of cache memory devices does not pass the testing.

20. (Canceled)

21. (Previously Presented) The method of claim 19 wherein the interposer comprises organic material.

22. (Withdrawn) The method of claim 19 wherein coupling at least one semiconductor die comprises a C4 process.

23. (Canceled)

24. (Withdrawn) The method of claim 19 further comprising coupling a single chip carrier to the substrate.

25. (Withdrawn) The method of claim 19 wherein coupling at least one semiconductor die comprises coupling memory chips to the interposer.

26. (Previously presented) The method of claim 19, further comprising: creating a plurality of contacts on the substrate; and

electrically connecting the preselected conductive pads of the plurality of conductive pads to the plurality of contacts.